

# Gabriel Melo

## List of Publications by Citations

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96  
papers

1,072  
citations

19  
h-index

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g-index

113  
ext. papers

1,309  
ext. citations

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4.74  
L-index

#	Paper	IF	Citations
96	Bees, birds and yellow flowers: pollinator-dependent convergent evolution of UV patterns. <i>Plant Biology</i> , <b>2016</b> , 18, 46-55	3.7	61
95	Seeking the flowers for the bees: Integrating biotic interactions into niche models to assess the distribution of the exotic bee species <i>Lithurgus huberi</i> in South America. <i>Ecological Modelling</i> , <b>2014</b> , 273, 200-209	3	57
94	Higher-level bee classifications (Hymenoptera, Apoidea, Apidae sensu lato). <i>Revista Brasileira De Zoologia</i> , <b>2005</b> , 22, 153-159		43
93	Changes in wild bee fauna of a grassland in Brazil reveal negative effects associated with growing urbanization during the last 40 years. <i>Zoologia</i> , <b>2013</b> , 30, 157-176	2	42
92	The corbiculate bees arose from New World oil-collecting bees: implications for the origin of pollen baskets. <i>Molecular Phylogenetics and Evolution</i> , <b>2014</b> , 80, 88-94	4.1	41
91	Amazonian species within the Cerrado savanna: new records and potential distribution for <i>Aglae caerulea</i> (Apidae: Euglossini). <i>Apidologie</i> , <b>2013</b> , 44, 673-683	2.3	38
90	Molecular phylogeny of the stingless bees (Apidae, Apinae, Meliponini) inferred from mitochondrial 16S rDNA sequences. <i>Apidologie</i> , <b>2003</b> , 34, 73-84	2.3	37
89	Biology and Immature Stages of the Bee Tribe Tetrapediini (Hymenoptera: Apidae). <i>American Museum Novitates</i> , <b>2002</b> , 3377, 1-45	1.1	37
88	Has the bumblebee <i>Bombus bellicosus</i> gone extinct in the northern portion of its distribution range in Brazil?. <i>Journal of Insect Conservation</i> , <b>2010</b> , 14, 207-210	2.1	35
87	Species conservation under future climate change: the case of <i>Bombus bellicosus</i> , a potentially threatened South American bumblebee species. <i>Journal of Insect Conservation</i> , <b>2015</b> , 19, 33-43	2.1	33
86	Nesting Biologies and Immature Stages of the Tapinotaspidine Bee Genera <i>Monoeca</i> and <i>Lanthanomelissa</i> and of Their Osirine Cleptoparasites <i>Protosiris</i> and <i>Parepeolus</i> (Hymenoptera: Apidae: Apinae). <i>American Museum Novitates</i> , <b>2006</b> , 3501, 1	1.1	29
85	A comunidade de abelhas (Hymenoptera, Apidae s. l.) em uma área restrita de campo natural no Parque Estadual de Vila Velha, Paraná: diversidade, fenologia e fontes florais de alimento. <i>Revista Brasileira De Entomologia</i> , <b>2005</b> , 49, 557-571	0.9	25
84	The higher-level phylogenetic relationships of the Eumeninae (Insecta, Hymenoptera, Vespidae), with emphasis on <i>Eumenes</i> sensu lato. <i>Cladistics</i> , <b>2014</b> , 30, 453-484	3.5	24
83	The New World oil-collecting bees <i>Centris</i> and <i>Epicharis</i> (Hymenoptera, Apidae): molecular phylogeny and biogeographic history. <i>Zoologica Scripta</i> , <b>2016</b> , 45, 22-33	2.5	23
82	Orchid bees (Hymenoptera: Apidae) in the coastal forests of southern Brazil: diversity, efficiency of sampling methods and comparison with other Atlantic forest surveys. <i>Papeis Avulsos De Zoologia</i> , <b>2011</b> , 51, 505-515	0.3	22
81	Phylogenetic relationships and classification of the major lineages of Apoidea (Hymenoptera) : with emphasis on the crabronid wasps / by Gabriel A.R. Melo. <b>1999</b> ,		21
80	Flower color change accelerated by bee pollination in <i>Tibouchina</i> (Melastomataceae). <i>Flora: Morphology, Distribution, Functional Ecology of Plants</i> , <b>2011</b> , 206, 491-497	1.9	20

79	Species of <i>Euglossa</i> ( <i>Glossura</i> ) in the Brazilian Atlantic forest, with taxonomic notes on <i>Euglossa stellfeldi</i> Moure (Hymenoptera, Apidae, Euglossina). <i>Revista Brasileira De Entomologia</i> , <b>2007</b> , 51, 275-284	0.9	20
78	Ovarian activation in <i>Melipona quadrifasciata</i> queens triggered by mating plug stimulation (Hymenoptera, Apidae). <i>Apidologie</i> , <b>2001</b> , 32, 355-361	2.3	20
77	Floral oil collection by male <i>Tetrapedia</i> bees (Hymenoptera: Apidae: Tetrapediini). <i>Apidologie</i> , <b>2012</b> , 43, 39-50	2.3	17
76	<i>Euglossa obrima</i> , a new species of orchid bee from Mesoamerica, with notes on the subgenus <i>Dasystilbe</i> Dressler (Hymenoptera, Apidae). <i>ZooKeys</i> , <b>2011</b> , 11-29	1.2	16
75	Small orchid bees are not safe: parasitism of two species of <i>Euglossa</i> (Hymenoptera: Apidae: Euglossina) by conopid flies (Diptera: Conopidae). <i>Revista Brasileira De Zoologia</i> , <b>2008</b> , 25, 573-575		15
74	Geographic distribution and spatial differentiation in the color pattern of abdominal stripes of the Neotropical stingless bee <i>Melipona quadrifasciata</i> (Hymenoptera: Apidae). <i>Zoologia</i> , <b>2009</b> , 26, 213-219	2	14
73	Gain and loss of specialization in two oil-bee lineages, <i>Centris</i> and <i>Epicharis</i> (Apidae). <i>Evolution; International Journal of Organic Evolution</i> , <b>2015</b> , 69, 1835-44	3.8	13
72	A assemblagem de abelhas (Hymenoptera, Apidae) de uma área restrita de campos naturais do Parque Estadual de Vila Velha, Paraná e comparação com áreas de campos e cerrado. <i>Papeis Avulsos De Zoologia</i> , <b>2009</b> , 49, 163-181	0.3	13
71	BIOLOGIA DE NIDIFICAÇÃO DE <i>XYLOCOPA</i> ( <i>NEOXYLOCOPA</i> ) <i>FRONTALIS</i> (OLIVIER) (HYMENOPTERA, APIDAE, XYLOCOPINI). <i>Oecologia Australis</i> , <b>2010</b> , 14, 210-231	1.6	13
70	The diversification of neopasiphaeine bees during the Cenozoic (Hymenoptera: Colletidae). <i>Zoologica Scripta</i> , <b>2019</b> , 48, 226-242	2.5	13
69	Changes in Orchid Bee Communities Across Forest-Agroecosystem Boundaries in Brazilian Atlantic Forest Landscapes. <i>Environmental Entomology</i> , <b>2015</b> , 44, 1465-71	2.1	12
68	Taxonomy and geographic distribution of the species of <i>Centris</i> of the hyptidis group (Hymenoptera: Apidae: Centridini), with description of a new species from central Brazil. <i>Zootaxa</i> , <b>2009</b> , 2075, 33-44	0.5	12
67	Taxonomic revision, phylogenetic analysis, and biogeography of the bee genus <i>Tropidopedia</i> (Hymenoptera, Apidae, Tapinotaspidini). <i>Zoological Journal of the Linnean Society</i> , <b>2007</b> , 151, 511-554	2.4	12
66	From keel to inverted keel flowers: functional morphology of upside down papilionoid flowers and the behavior of their bee visitors. <i>Plant Systematics and Evolution</i> , <b>2015</b> , 301, 2161-2178	1.3	11
65	Pollination biology of <i>Ternstroemia laevigata</i> and <i>T. dentata</i> (Theaceae). <i>Plant Systematics and Evolution</i> , <b>1993</b> , 185, 1-6	1.3	11
64	Bees as hosts of mutillid wasps in the Neotropical region (Hymenoptera, Apidae, Mutillidae). <i>Revista Brasileira De Entomologia</i> , <b>2016</b> , 60, 302-307	0.9	10
63	Clearing and dissecting insects for internal skeletal morphological research with particular reference to bees. <i>Revista Brasileira De Entomologia</i> , <b>2016</b> , 60, 109-113	0.9	10
62	Species of <i>Euglossa</i> of the analis group in the Atlantic forest (Hymenoptera, Apidae). <i>Zoologia</i> , <b>2012</b> , 29, 349-374	2	10

61	Taxonomic revision and phylogenetic relationships of the bee genus <i>Parapsaenythia</i> Friese (Hymenoptera, Apidae, Protandrenini), with biogeographic inferences for the South American Chacoan Subregion. <i>Systematic Entomology</i> , <b>2010</b> , 35, 449-474	3.4	10
60	Revisão taxonômica das espécies brasileiras de abelhas do gênero <i>Lestrimelitta</i> Friese (Hymenoptera, Apidae, Meliponina). <i>Revista Brasileira De Entomologia</i> , <b>2006</b> , 50, 6-30	0.9	10
59	Notes on oil sources for the bee genus <i>Caenonomada</i> (Hymenoptera, Apidae, Tapinotaspidini). <i>Revista Brasileira De Entomologia</i> , <b>2009</b> , 53, 154-156	0.9	10
58	Homoplasy-Based Partitioning Outperforms Alternatives in Bayesian Analysis of Discrete Morphological Data. <i>Systematic Biology</i> , <b>2019</b> , 68, 657-671	8.4	10
57	<i>Trophallaxis</i> in a primitively social sphecid wasp. <i>Insectes Sociaux</i> , <b>1993</b> , 40, 107-109	1.5	9
56	Females of <i>Tapinotaspoides</i> , a genus in the oil-collecting bee tribe Tapinotaspidini, collect secretions from non-floral trichomes (Hymenoptera, Apidae). <i>Revista Brasileira De Entomologia</i> , <b>2005</b> , 49, 167-168	0.9	9
55	Chrysidid wasps (Hymenoptera: Chrysididae) from Cretaceous Burmese amber: Phylogenetic affinities and classification. <i>Cretaceous Research</i> , <b>2018</b> , 89, 279-291	1.8	8
54	New combinations, sex association, behavioural notes and potential host record for two Neotropical species of <i>Pseudomethoca</i> Ashmead, 1896 (Hymenoptera: Mutillidae). <i>Zootaxa</i> , <b>2011</b> , 3062, 55	0.5	7
53	Revision and phylogeny of the bee genus <i>Paratetrapedia</i> Moure, with description of a new genus from the Andean Cordillera (Hymenoptera, Apidae, Tapinotaspidini). <i>Zoological Journal of the Linnean Society</i> , <b>2011</b> , 162, 351-442	2.4	7
52	Male description and host record for <i>Lophomutilla corupa</i> Casal, 1968 (Hymenoptera: Mutillidae), with behavioural notes on mating behaviour and host nest attacks. <i>Journal of Natural History</i> , <b>2010</b> , 44, 2597-2607	0.5	7
51	Six new species of <i>Microstigmus</i> wasps (Hymenoptera: Sphecidae), with notes on their biology. <i>Journal of Natural History</i> , <b>1997</b> , 31, 421-437	0.5	7
50	Revision and cladistic analysis of the eumenine wasp genus <i>Pseudodynerus</i> de Saussure (Hymenoptera, Vespidae, Eumeninae). <i>Systematic Entomology</i> , <b>2008</b> , 33, 361-394	3.4	7
49	Notes on the type species of the subgenera <i>Paratetrapedia</i> ( <i>Lophopedia</i> ) and <i>P.</i> ( <i>Amphipedia</i> ) (Hymenoptera, Apidae, Tapinotaspidini). <i>Zootaxa</i> , <b>2005</b> , 1084, 31	0.5	7
48	New host records of <i>Aglaomelissa duckei</i> and a compilation of host associations of Ericrocidini bees (Hymenoptera: Apidae). <i>Zoologia</i> , <b>2009</b> , 26, 299-304	2	7
47	Biogeography and early diversification of Tapinotaspidini oil-bees support presence of Paleocene savannas in South America. <i>Molecular Phylogenetics and Evolution</i> , <b>2020</b> , 143, 106692	4.1	7
46	Palaeocene origin of the Neotropical lineage of cleptoparasitic bees Ericrocidini-Rhathymini (Hymenoptera, Apidae). <i>Systematic Entomology</i> , <b>2018</b> , 43, 510-521	3.4	6
45	<i>Lynchiatilla</i> Casal, 1963 (Hymenoptera: Mutillidae): a new species from Brazil associated with <i>Paroxystoglossa spiloptera</i> Moure (Hymenoptera: Apidae: Halictinae), and notes on other species. <i>Zootaxa</i> , <b>2012</b> , 3548, 55	0.5	6
44	A new species of <i>Eufriesea</i> Cockerell (Hymenoptera, Apidae, Euglossina) from northeastern Brazil. <i>Revista Brasileira De Entomologia</i> , <b>2011</b> , 55, 35-39	0.9	6

43	Nesting biology and behavioural ecology of the solitary bee <i>Monoeca haemorrhoidalis</i> (Smith) and its cleptoparasite <i>Protosiris gigas</i> Melo (Hymenoptera: Apidae: Tapinotaspidini; Osirini). <i>Journal of Natural History</i> , <b>2011</b> , 45, 2815-2840	0.5	6
42	Two new species of <i>Trimeria</i> de Saussure from Brazil, with biological notes and a key to the Brazilian taxa (Hymenoptera, Vespidae, Masarinae). <i>Zootaxa</i> , <b>2006</b> , 1155, 61	0.5	6
41	A new stingless bee species of the genus <i>Scaura</i> (Hymenoptera, Apidae) from the Brazilian Atlantic forest, with notes on <i>S. latitarsis</i> (Friese). <i>Zootaxa</i> , <b>2004</b> , 544, 1	0.5	6
40	Revision of the bee genus <i>Thectochlora</i> Moure (Hymenoptera, Apidae, Halictinae). <i>Zootaxa</i> , <b>2006</b> , 1331, 1	0.5	6
39	Sexual associations for two species of mutillid wasps (Hymenoptera, Mutillidae), with the description of a new species of <i>Anomophotopsis</i> . <i>Revista Brasileira De Entomologia</i> , <b>2006</b> , 50, 379-384	0.9	5
38	Deceiving colors: recognition of color morphs as separate species in orchid bees is not supported by molecular evidence. <i>Apidologie</i> , <b>2014</b> , 45, 641-652	2.3	4
37	Phylogeny of the bee subtribe <i>Caenohalictina</i> Michener (Hymenoptera, Apidae s.l., Halictinae s.l.). <i>Zoologica Scripta</i> , <b>2010</b> , 39, 187-197	2.5	4
36	New species of the bee genus <i>Augochlorodes</i> Moure (Hymenoptera, Apidae s. l., Halictinae). <i>Journal of Natural History</i> , <b>2008</b> , 42, 1385-1403	0.5	4
35	New species of <i>Tapinotaspoides</i> (Hymenoptera, Apidae, Tapinotaspidini). <i>Zootaxa</i> , <b>2008</b> , 1749, 53	0.5	4
34	A new species of <i>Protandrena</i> Cockerell from Brazil (Hymenoptera, Apidae, Andreninae)*. <i>Zootaxa</i> , <b>2006</b> , 1330, 43	0.5	4
33	Chrysobythidae, a new family of chrysidoid wasps from Cretaceous Burmese amber (Hymenoptera, Aculeata). <i>Historical Biology</i> , <b>2020</b> , 32, 1143-1155	1.1	4
32	The oldest confirmed fossil of Bocchinae (Hymenoptera, Dryinidae), with description of a new species of <i>Bocchus</i> Ashmead from Baltic amber. <i>Historical Biology</i> , <b>2021</b> , 33, 268-271	1.1	4
31	New haidomyrmecine ants (Hymenoptera: Formicidae) from mid-Cretaceous amber of northern Myanmar. <i>Cretaceous Research</i> , <b>2020</b> , 114, 104502	1.8	3
30	Notes on the systematics of the orchid-bee genus <i>Eulaema</i> (Hymenoptera, Apidae). <i>Revista Brasileira De Entomologia</i> , <b>2014</b> , 58, 235-240	0.9	3
29	First host record for the cleptoparasitic bee <i>Rhathymus friesei</i> Ducke (Hymenoptera, Apidae). <i>Revista Brasileira De Entomologia</i> , <b>2012</b> , 56, 519-521	0.9	3
28	Produção de nêctar e visitas por abelhas em duas espécies cultivadas de <i>Passiflora</i> L. (Passifloraceae). <i>Acta Botanica Brasilica</i> , <b>2012</b> , 26, 251-255	1	3
27	Phylogeny and revision of the bee genus <i>Rhinocorynura</i> Schrottky (Hymenoptera, Apidae, Augochlorini), with comments on its female cephalic polymorphism. <i>Revista Brasileira De Entomologia</i> , <b>2012</b> , 56, 29-46	0.9	3
26	Taxonomic notes and description of the male of <i>Xenochlora nigrofemorata</i> (Smith, 1879) (Hymenoptera: Apidae: Halictinae). <i>Zootaxa</i> , <b>2013</b> , 3670, 371-7	0.5	3

25	A new cluster-brood building species of <i>Plebeia</i> (Hymenoptera, Apidae) from eastern Brazil. <i>Revista Brasileira De Entomologia</i> , <b>2009</b> , 53, 77-81	0.9	3
24	Apoiid wasps (Hymenoptera: Apoidea) from mid-Cretaceous amber of northern Myanmar. <i>Cretaceous Research</i> , <b>2021</b> , 122, 104770	1.8	3
23	<i>Plectoplebeia</i> , a new Neotropical genus of stingless bees (Hymenoptera: Apidae). <i>Zoologia</i> , <b>2016</b> , 33,	2	3
22	New genus of fossil apoiid wasps (Hymenoptera, Apoidea) from the Cretaceous amber of Myanmar. <i>Revista Brasileira De Entomologia</i> , <b>2018</b> , 62, 319-323	0.9	3
21	Hide and seek: is the solitary bee <i>Monoeca haemorrhoidalis</i> trying to escape from its cleptoparasite <i>Protosiris gigas</i> (Hymenoptera, Apidae: Tapinotaspidini; Osirini)? <i>Apidologie</i> , <b>2017</b> , 48, 262-270	2.3	2
20	New species of the stingless bee genus <i>Schwarziana</i> (Hymenoptera, Apidae). <i>Revista Brasileira De Entomologia</i> , <b>2015</b> , 59, 290-293	0.9	2
19	The type species of the bee genus <i>Epicharis</i> Klug, 1807 (Hymenoptera: Apidae). <i>Journal of Natural History</i> , <b>2014</b> , 48, 2177-2181	0.5	2
18	The wasp genus <i>Holopsenella</i> in mid-Cretaceous Burmese amber (Hymenoptera: <i>Holopsenellidae</i> stat. nov.). <i>Cretaceous Research</i> , <b>2022</b> , 131, 105089	1.8	2
17	Inferring sex and caste seasonality patterns in three species of bumblebees from southern Brazil using biological collections. <i>Neotropical Entomology</i> , <b>2015</b> , 44, 10-20	1.2	1
16	The species of the parasitic bee genus <i>Osirinus</i> (Hymenoptera, Apidae). <i>Journal of Natural History</i> , <b>2003</b> , 37, 2919-2929	0.5	1
15	Nests of bees of the anthidiine genus <i>Ananthidium</i> Urban (Hymenoptera, Apidae, Megachilinae). <i>Journal of Hymenoptera Research</i> , <b>47</b> , 115-122	0	1
14	Revision of the fossil species of <i>Thaumatodryinus</i> Perkins from Dominican amber, with a new combination and description of a new species (Hymenoptera, Dryinidae). <i>Journal of Hymenoptera Research</i> , <b>79</b> , 77-88	0	1
13	<i>Clystopsenella australiana</i> sp. nov. (Hymenoptera: Scolebythidae): first species of the genus found outside the Neotropical region. <i>Austral Entomology</i> , <b>2021</b> , 60, 455-460	1.1	1
12	A new species of the ant-hunter genus <i>Tracheliodes</i> Morawitz (Hymenoptera: Crabronidae: Crabronini) from Brazil. <i>Zootaxa</i> , <b>2015</b> , 3941, 421-8	0.5	0
11	Evolution of andrenine bees reveals a long and complex history of faunal interchanges through the Americas during the Mesozoic and Cenozoic.. <i>Molecular Phylogenetics and Evolution</i> , <b>2022</b> , 107484	4.1	0
10	Mid-Cretaceous amber from Myanmar reveals a rich diversity of extinct scolebythid wasps (Hymenoptera: Chrysidoidea). <i>Cretaceous Research</i> , <b>2022</b> , 105232	1.8	0
9	Discovery of <i>Mourecotelles</i> (Hymenoptera, Apidae, Colletinae) in Brazil: nesting biology and pollen preferences of a remarkable new species of the genus. <i>Journal of Hymenoptera Research</i> , <b>89</b> , 211-231	0	0
8	Revision of the carpenter bee subgenus <i>Xylocopa</i> ( <i>Dasyxylocopa</i> ) (Hymenoptera: Apidae). <i>Journal of Natural History</i> , <b>2017</b> , 51, 379-390	0.5	

- 7 A new combination for the bembicine genus Selman Parker, 1929 (Hymenoptera: Crabronidae). *Zootaxa*, **2014**, 3878, 291-7 0.5
- 6 On the identity of *Melipona torrida* Friese (Hymenoptera, Apidae). *Revista Brasileira De Entomologia*, **2013**, 57, 248-252 0.9
- 5 Systematics of the Neotropical species of the crabronid wasp genus *Psenulus* Kohl, 1897 (Hymenoptera: Crabronidae), with a contribution to the worldwide phylogeny of the genus. *Austral Entomology*, **2020**, 59, 422-454 1.1
- 4 Revision of the cleptoparasitic bee genus *Austrostelis* Michener and Griswold (Hymenoptera: Apidae: Megachilinae). *Journal of Natural History*, **2018**, 52, 53-71 0.5
- 3 On the putative homonymy involving *Hemistephanus* Enderlein (Hymenoptera, Stephanidae). *Zootaxa*, **2021**, 5016, 299-300 0.5
- 2 The first crabronid wasps (Hymenoptera, Apoidea) from the Crato Formation (Northeastern Brazil) and implications for the evolution of apoid wasps and bees during the Early Cretaceous. *Cretaceous Research*, **2022**, 105248 1.8
- 1 Synopsis of the wasp genus *Clystopsenella* Kieffer (Hymenoptera: Scolebythidae). *Zootaxa*, **2022**, 5134, 125-134 0.5